

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
14 April 2005 (14.04.2005)

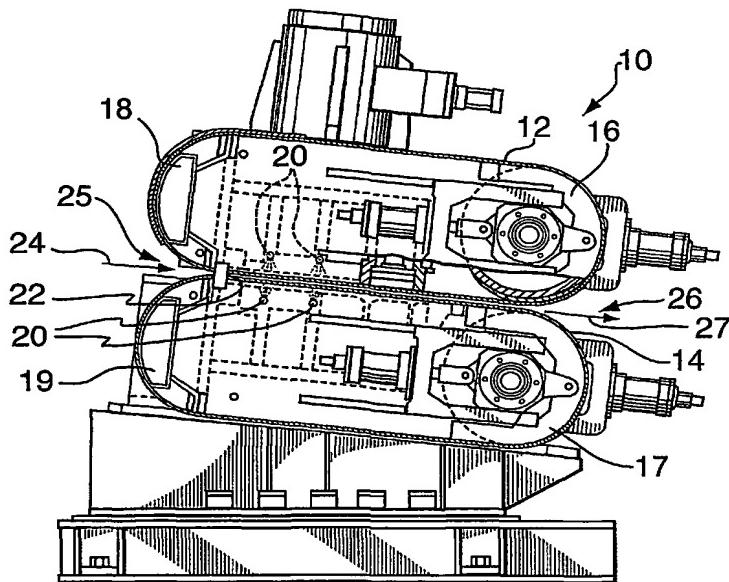
PCT

(10) International Publication Number
WO 2005/032744 A1

- (51) International Patent Classification⁷: **B22D 11/06**,
21/04
- (21) International Application Number:
PCT/CA2004/001782
- (22) International Filing Date: 1 October 2004 (01.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/508,388 3 October 2003 (03.10.2003) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: BELT CASTING OF NON-FERROUS AND LIGHT METALS AND APPARATUS THEREFOR



(57) Abstract: ABSTRACT A casting belt for using in a single-belt or twin-belt casting apparatus is disclosed. The casting belt is made of aluminum alloy such as an alloy from the AA5XXX and AA6XXX systems, preferably having a thickness in the range of 1 to 2 mm. The aluminum casting belt of the invention is suitable for casting non-ferrous and light metals such as aluminum, magnesium, copper, zinc and their alloys, especially aluminum alloys such as Al-Mg, Al-Mg-Si, Al-Fe-Si and Al-Fe-Mn-Si alloy systems. A belt casting machine and process using the aluminum casting belt of the invention are also disclosed.

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SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*